

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number
WO 2005/092676 A1

(51) International Patent Classification⁷: **B60R 22/10**

(21) International Application Number:
PCT/IB2005/000460

(22) International Filing Date: 7 March 2005 (07.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0405550.5 12 March 2004 (12.03.2004) GB
0410457.6 11 May 2004 (11.05.2004) GB

(71) Applicant (for all designated States except US): **BRITAX ROMER KINDERSICHERHEIT GMBH** [DE/DE];
Blaubeurer Strasse 71, 89077 Ulm (DE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **WETTER, Herman** [DE/DE]; Alpenstrasse 60, 89075 Ulm (DE).

(74) Agent: **BROOKS, Nigel**; Hill Hampton, East Meon, Petersfield, Hampshire GU32 1QN (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

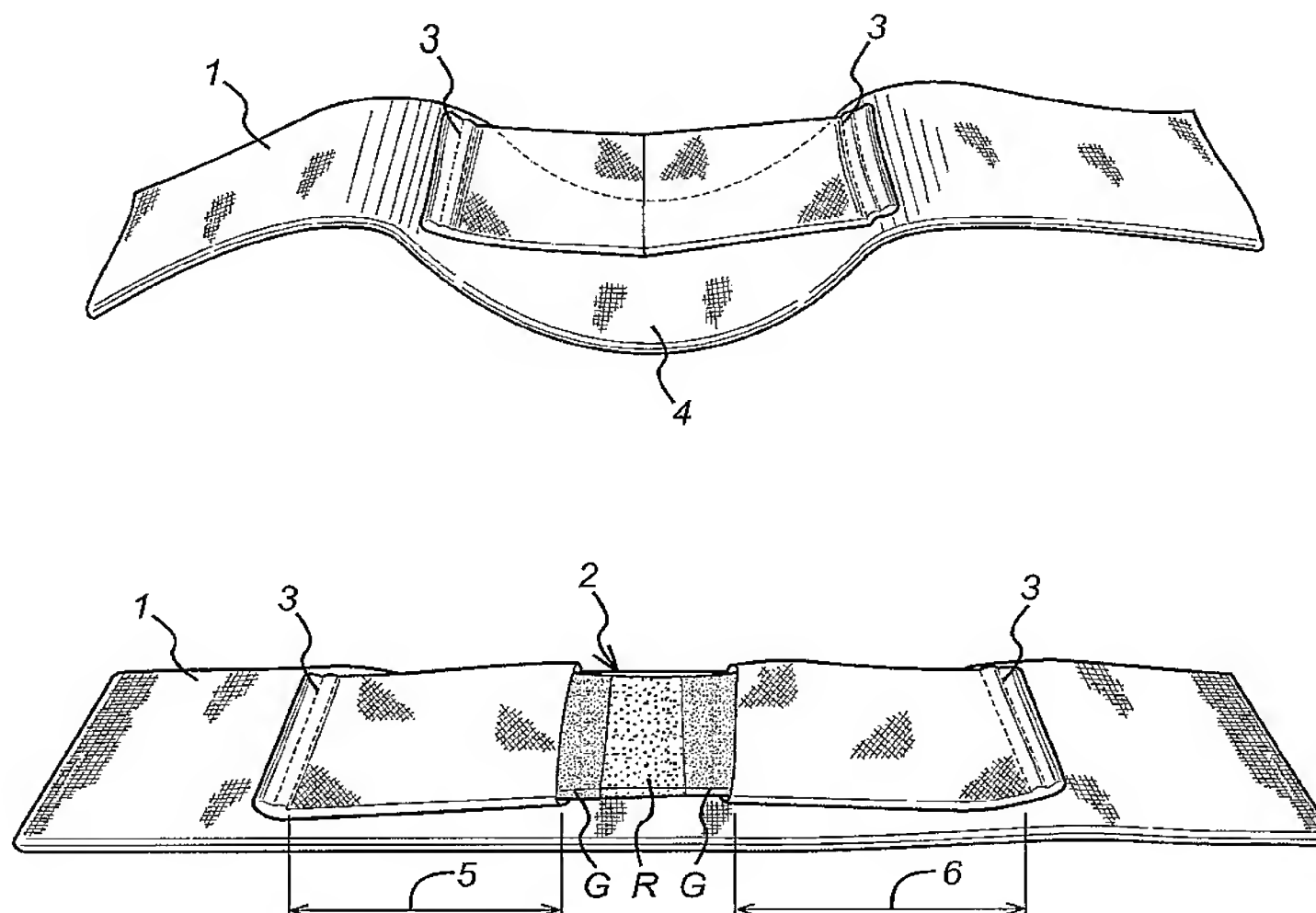
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: STRAP TENSION INDICATION



(57) Abstract: A safety harness webbing strap (1) has a piece of elastomeric belt (2) stitched (3) to it at two points along its length. The position of the two stitchings along the length of the strap is such that in the relaxed state of the strap, with not tension in either the strap or the belt, the latter draws a bight or belly (4) into the strap. Two lengths (5,6) of sleeving are stitched into the same points (3). The elastomeric belt is threaded within the lengths of sleeving. These are of equal length and jointly extend for the full length of the elastomeric belt in its relaxed state. When the elastomeric belt is tensioned, it opens at the joint between the two lengths (5,6) and stretches to a length greater than the sleeving. Thus it becomes exposed to view between the lengths of sleeving, as shown in Figure 2. The extent of stretching of the belt is limited by the distance along the strap between the stitching. Once the strap is straightened, the belt will stretch no more.

WO 2005/092676 A1